Serial No. 09/659,879 Wang 3-4 Filing Date: 9/12/2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOV 1 9 2004

Technology Center 2600

Applicant

Liwa Wang and Pengfei Zhu

Case

Wang 3-4

Serial No.

09/659,879

Filing Date

09/12/2000

Title

Apparatus and Method for Channel Estimation Used For

Link Adaptation with Error Feedback

Group Art Unit

Examiner

2634

Amanda T. Le

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Applicants submit this response to the second non-final Office Action mailed on August 11, 2004.

| NOV 127 | 3) | U.S. I no persons are required to respond to a co Application Number | Patent and T | PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 rademark Office; U.S. DEPARTMENT OF COMMERCE ormation unless it displays a valid OMB control number. |
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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) Total Number of Pages in This Submission 5 | | Attorney Docket Number | ļ | 12, 2000 DECEMBE NOV 1 9 2004 |
| Amendment. After | Attached | Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence of | n | After Allowance Communication to TC Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify |
| Express Aba | ssing Parts/ | Terminal Disclaimer Request for Refund CD, Number of CD(s) Landscape Table on CI Remarks |) | below): - Return Receipt Postcard |
| Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATU Firm Name Greenberg Traurig, LLP | | TURE OF APPLICANT, ATTO | RNEY, C | DR AGENT |
| Printed name Claude R. Narcisse Date November 9, 2004 | | . Noncisse | Reg. No. | 38,979 |
| CERTIFICATE OF TRANSMISSION/MAILING Liberarby certify that this correspondence is being facsimile transmitted to the LISPTO or deposited with the United States Postal Service with | | | | |

sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature Date

Patricia Kane

Typed or printed name

November 9, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.